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09/703,312	11/01/2000	Ghulam Abbas Laljani	BELL-0055/00166	1375

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EXAMINER
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AL AUBAIDI, RASHA S

ART UNIT	PAPER NUMBER
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2642

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DATE MAILED: 10/03/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/703,312

Applicant(s)

LALJIANI, GHULAM ABBAS

Examiner

Rasha S AL-Aubaidi

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 01 November 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-29 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-29 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 01 November 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

### Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 6. 6) ☐ Other:

**DETAILED ACTION**

***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Morley et al (US PAT # 5,848,132).

Regarding claim 1, Morley teaches a system to schedule calls for placement comprising: a service switching point (SSP 2, see Fig.1) being in communication with a first telephone station (this components is not shown, obviously it is there) associated with said scheduling party (this reads on the customer) and at least one other telephone station associated with at least one scheduled party to be called (this reads on the other destination that the pre-booked call will be made at the specified time by the customer, see col.3, lines 53-54), said first telephone station receiving call schedule information on a telephone interface and communicating said call schedule information (see col.3, lines 64-67) to said service switching point (SSP 2); a service node (SN, this reads on IP 15, for example, in Fig. 1) communicating with the service switching point (SSP 2) , said service switching point (SSP) adapted to connect the second telephone station with the first telephone station in accordance with said call schedules (this reads on connecting

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the customer with the scheduled destination, see col.4, lines 34-46); and a service control point (SCP this reads on SCP 8, see Fig.1) communicating with said service switching point (SSP 2), and comprising: a call information database (this basically reads on SCP 8 storing the schedule information, see col.5, lines 7-8) , said service control point (SCP 8) identifying said service node (SN, which reads on IP 15) as adapted to connect said at least one other telephone station with the first telephone station in accordance with said call schedules.

Morley does not specifically teach the use of an administrative computing application, a call scheduling computing application.

However, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have these applications/software applied in the AIN environment in order to help improving and speeding the procedure of scheduling telephone calls in advance.

Claim 16 is rejected for the same reasons as discussed above with respect to claim 1. Regarding the feature of (d) monitoring said stored call schedule information by said service control point (SCP) to determine if a scheduled call is to be placed (this is obvious, because when the date and time reaches for the scheduled call since SCP 8, processes the connection of the call between the customer and the other destination); and (e) upon the scheduled time for a scheduled call, placing said scheduled call by said service control point (SCP, see col.4, lines 34-46).

Claim 25 is rejected for the same reasons as discussed above with respect to claims 1 and 16, respectively.

Regarding claim 2, the service switching point (SSP 2) upon receipt of a request from said first telephone station to schedule a call (this reads on the customer desire to schedule a call, see col.3, lines 53-64), sends a request to said service control point (SCP) to execute said administrative computing application and said call scheduling application, said administrative computing application determining if said first telephone station is allowed to schedule calls, said call scheduling application, upon confirmation that said first telephone station is allowed to schedule calls, cooperating with said SSP to accept, store and manage required call scheduling data (Morley teaches that the service is available to the customer, see col.3, lines 64-65. In addition, services like call scheduling, call waiting, or call forwarding would not be provided to customers without subscription to these services).

Claim 3 is rejected for the same reasons as discussed above with respect to claim 1. Also, for the feature of prompt said first telephone station to input call schedule information indicative of desired scheduled calls (this reads on the IP 15, for example in Fig.1 to enter the appropriate date and time, see col.4, lines 1-10).

Regarding claims 4 and 17, Morley teaches said prompts comprise information representative of: a request to enter the time of the scheduled call, a request to enter

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the frequency of the scheduled call, and a request to enter the telephone number for the scheduled call (see col.4, lines 1-20).

Regarding claim 5, for call schedule application of said service control point (SCP) creates a record for each scheduled call and storing said record in said call information database (Morley teaches storing the record and the data information for each scheduled call, see col.5, lines 42-51. If the reference teaches storing the record for one scheduled call then obviously it is possible to store the record in the database for other calls).

Regarding claims 7 and 22, Morley teaches service switching point (SSP) launches a trigger application (see col.3, lines 53-60) in response to the request from said first telephone station, said trigger application generating the request to the service control point (SCP).

Regarding claims 6 and 8, Morley teaches the request to the service control point (SCP 8) from the service switching point (SSP 2) comprises information identifying a telephone station associated with said scheduling party to call at the time of a scheduled call (this basically reads on providing the scheduling party telephone number/CLID information with the other data in order to schedule the call, see col. 3, lines 53-60).

Regarding claim 9, Morley teaches said service control point (SCP 8), in response to the request from the service switching point (SSP 2), searches said database for information identifying service nodes adapted to place calls to said scheduling party and to said scheduled party (see col.4, lines 24-29).

Claim 10 is rejected for the same reasons as discussed above with respect to claim 1 and 16. Morley teaches the (SN, which reads on IP 15) that may be used to complete the scheduled call and a request to place a confirmation call to the scheduling party, said service switching point (SSP 2) communicating with least one of said service nodes (SN) a request to place said confirmation call, see col. 4, lines 13-29).

Regarding claims 11-12, for said service node (SN IP 15), in response to the request from the service switching point (SSP), places said confirmation call to said at least one other telephone station and/or an alternate telephone station associated with said scheduling party, Morley teaches providing a confirmation for the customer request (see col.4, lines 13-28 and lines 47-52).

Regarding claim 13, Morley teaches said service switch point (SSP) to place id scheduled call to said scheduled party using said identified service node (SN), see col. 4, lines 59-65.

Regarding claim 14, for call schedule application of said service control point (SCP), upon receiving no confirmation for said scheduled call, deletes the created record for the scheduled call. This is obvious, because there is no sense of having the call-scheduled information occupying storage space in the database when there is no confirmation received to continue processing the pre-booking for this particular call.

Regarding claim 15, Morley teaches the connection between said service switching point (SSP) and said second telephone station comprises a second service switching point (SSP 2), for example, see Fig.1, and col. 2, lines 44-56.

Regarding claim 18, for the step of accepting call schedule information further comprises determining a confirmation number for use when placing a confirmation call (Morley teaches after entering the schedule data information such telephone #, time and date it will provide the customer with confirmation, obviously could be a number).

Regarding claim 19, Morley teaches of confirming the scheduled call by said service control point (SCP), said service control point (SCP) cooperating with said service switching point (SSP) and said identified service nodes (SN) to place a confirmation call to the scheduling party using said stored call schedule information to receive confirmation of said scheduled call (this reads on recorded reminder message that will be played to the scheduling party by the IP to confirm the scheduling process, see col.5, lines 42-67 and col.6, lines 1-8).



Regarding claim 20, Morley teaches upon receiving confirmation from said confirmation call, said service control point (SCP) cooperates with said service switching point (SSP) and said service nodes (SN) to place said scheduled call (see col.4, lines 20-45).

Regarding claim 21, for said confirmation comprises any of: a DTMF code and an electronic message (this basically may read on the voice prompts, see col.3, lines 40-43).

Regarding claim 23, for the database at the service control point (SCP 8) comprises information identifying for said service switching point (SSP) cooperating plurality of service nodes for use when processing scheduled calls (see Fig.1, SSP 2, IP 15 and IP 16).

Regarding claim 24, for the act of identifying to the service switching point (SSP) the plurality of service nodes (SN), comprises transmitting the directory numbers corresponding to the plurality of service nodes by said service control point (SCP). This reads on the transmitted digits between the customers' lines, (see col.2, lines 44-50)

Claim 26 is rejected for the same reasons as discussed above with respect to claim 1,16 and 25.Also, for receiving a response from said first party indicating that said

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first party should be connected to said telephone station and connecting said first party to said telephone station (see col.5, lines 52-67 and col.6, lines 1-8).

Regarding claim 27, for said information is received from a telephone interface of a telephone station (this is inherent).

Regarding claims 28 and 29, Morley teaches said information further indicates a second telephone number at which said confirmation call should be placed (this basically reads on the scheduled party phone number, see col.5, lines 8-10).

### ***Conclusion***

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Yuhn (US PAT # 6,052,440) teaches a telephone system schedules and delivers multimedia alarm call messages to users.

Svennesson et al (US PAT # 6,005,845) teaches a system to set-up calls and stores and forward services by or the direction of an IP.

Clarke et al (US PAT # 5,802,157) teaches a service allowing a subscriber to determines the times of day and/or days of the week when outgoing calls to be restricted.

Detampel, Jr. et al. (US PAT # 5,995,608) teaches method and apparatus for on-demand teleconferencing.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rasha S AL-Aubaidi whose telephone number is (703) 605-5145. The examiner can normally be reached on Monday-Friday from 8:30 am to 5:30 pm.

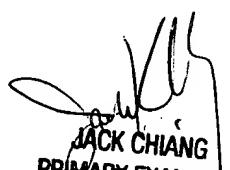
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad F Matar, can be reached on (703) 305-4731. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9314.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

Examiner

Rasha S Al-Aubaidi

09/23/2003

  
JACK CHIANG  
PRIMARY EXAMINER